

**NCCER TEST 2023-2024 ACTUAL EXAM 150
QUESTIONS AND CORRECT DETAILED
ANSWERS (VERIFIED ANSWERS) |ALREADY
GRADED A+**

Most common transformer on an industrial site - ANSWER-
single phase step down

applications for heat tracing systems with self regulating control
include those requiring a narrow operating range and -
ANSWER- temperature sensitive fluids

with a row of 3-4", 3-2" and 1-1" conduits on each side for a
straight pullbox what is the minimum distance between the
opposite side walls of the box - ANSWER- 32"

As the mechanical load increases on a squirrel cage induction
motor - ANSWER- torque decreases and stator current increases

when installing cables smaller the 4/0 in cable tray, the
allowable cable fill area must not be less than the sum of the
cable - ANSWER- cross sectional areas

Meter used to measure pulling tension - ANSWER-
dynamometer

on a push button, normally closed contacts are generally used to open a circuit to - ANSWER- initiate a stop or off circuit function

which of the following is the classified location where combustible dust may be present - ANSWER- class i, division i

which of the following is the classified location where combustible fibers are always present - ANSWER- Class 3, division ?

learnexams

Minimum space between 2 ground rods - ANSWER- 6ft

how does a battery produce voltage - ANSWER- electromagnetisim

as the load decreases on a squirrel cage induction motor, its power factor - ANSWER- increases

what size wire is needed for a 120v circuit 215 feet long one way with a load of 39amps - ANSWER- #6

which of the following conductors has the least resistance -

ANSWER- 1/0

what is the primary consideration for selecting a rope for a cable pull - ANSWER- low stretch

what is the minimum distance between raceway entries allowed in a pull box for angle pulls - ANSWER- 6x's the largest trade size raceway

45degree offset multiplier - ANSWER- 1.41

all of the following are common service voltages in the US except - ANSWER- 372/575 three phase, four wire

Insulation resistance tester - ANSWER- megohmmeter

insulation color for barrel crimp connectors for wire sizes 22-16AWG are - ANSWER- red